

## **ABSTRACT**

### **ELECTRICAL GROUNDING ASSEMBLY FOR CONTROL VALVE**

[0017] An electrical grounding assembly for a control valve providing a

shared electrical connection between a valve body and valve trim. An elastic

5 grounding connector having an elastic region and an electrically conductive surface is placed between the valve body and the valve trim. The valve trim compresses the electrically conductive surface of the elastic grounding connector to deform the elastic region of the elastic grounding connector to form a shared electrical connection between the valve body and the valve trim.